



Station Designation: **299 LAS 0.01**

General Location: **EAST OF SHALAS COUNTY LINE**

4 Character ID: **2MR4** UTC Date: **10/28/2004**

Station PID: Station Serial No.: **2016** UTC Julian Day: **302**

Session ID: **B**

Project Name: **Caltrans North Region Height Modernization Survey** Project No.: **GPS1988**

NAD83 Latitude: **N 41-04-23.6** NAD83 Longitude: **W 121-19-52.4** NAD83 Ellipsoid Height:

NAVD88 Orthometric Height: Epoch Interval **15 Sec.**

GEOID03 Geoid Height: Elevation Mask **15 Deg.**

Session Times: LOCAL (-7hr)

Sch. Start **1800** Stop **1900** Sch. Start **1100** Stop **1200**

Actual Start **1755** Stop **1915** Actual Start **1055** Stop **1215**

Agency Name: **Caltrans (CA. DOT)**

Agency Code: **CADT**

Operator Name: **TYLER ANDERSEN**

For information contact Don Campbell at (707) 445-6343 or Don\_Campbell@dot.ca.gov

Receiver Brand and Model: **Trimble 5700** Antenna Code, Brand and Model: **Trimble Zephyr Geodetic**

P/N: **40406-46** P/N: **41249-00**

S/N: **0440100458** S/N: **12237016**

Firmware Version: **2.01** Cable Length:  3 m  5 m  10 m  Other (specify):

Equipment Package ID: **D2-02**

Antenna plumb before session?  Y  N

Antenna plumb after session?  Y  N

Antenna oriented to magnetic north?  Y  N

Tripod or Antenna Mount (check one):  Fixed Height Tripod  Collapsible Tripod

Brand and Model: **SECO 1.8m**

P/N: **5117-00-YEL**

S/N: **D2-02**

| ANTENNA HEIGHT   | Begin Session | End Session  |
|--|---------------|--------------|
| A = Datum point to top of tripod   | <b>1.800</b>  | <b>1.800</b> |
| B = Additional offset to ARP if any  |               |              |
| H = Antenna Height = A + B<br>= Datum Point to Antenna Reference Point (ARP) | <b>1.800</b>  | <b>1.800</b> |

Note and/or sketch ANY unusual conditions.  
Be VERY EXPLICIT as to where and how measured!

Data File Name(s): **D4583021.T01**

(Standard NGS Format = aaaaddds.xxx) **ZMR4302B.d.t**

where aaaa = 4 character ID, ddd = UTC Julian Day, s = Session ID, xxx = file dependent extension

Updated station description:  Attached  Completed earlier

Visibility obstruction diagram:  Attached  Completed earlier

Photographs of station:  Attached  Completed earlier

Station rubbing:  Attached

5 Digit Weather Code

Start of Session: **01020** Middle of Session: **01020** End of Session: **01020**

| Code | PROBLEM      | VISIBILITY          | TEMPERATURE            | CLOUD COVER        | WIND                  |
|------|--------------|---------------------|------------------------|--------------------|-----------------------|
| 0    | No Problems  | Good, over 15 miles | Normal, 32° F to 80° F | Clear, below 20%   | Calm, under 5 mph     |
| 1    | Problems     | Fair, 7 to 15 miles | Hot, over 80° F        | Cloudy, 20% to 70% | Moderate, 5 to 15 mph |
| 2    | - Not Used - | Poor, Under 7 miles | Cold, below 32° F      | Overcast, over 70% | Strong, over 15 mph   |

Notes, comments, remarks:

**Light rain**

